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- Endoh H, Honda T, Ohashi S, Hida S, Shibue C, Komura N. The influence of nicardipine-, nitroglycerin-, and prostaglandin E₁-induced hypotension on cerebral pressure autoregulation in adult patients during propofol-fentanyl anesthesia, 94:169
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- Rose JB, Schmitz ML, Birmingham PK, Ulma GA, Gunter JB, Cnaan A, Coté CJ, Medve RA, Schreiner MS. An evaluation of the efficacy and tolerability of oral tramadol hydrochloride tablets for the treatment of postsurgical pain in children, 94:1469
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- Grocott HP, Mathew JP, Phillips-Bute B, Stanley TO, Butler A, Landolfo KP, Reves JG, Blumenthal JA, Newman MF, and the Neurologic Outcome Research Group of the Duke Heart Center. The rewarming rate and increased peak temperature alter neurocognitive outcome after cardiac surgery, 94:4
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- Hallworth SP, Fernando R, Stocks GM. Predicting the density of bupivacaine and bupivacaine-opioid combinations, 94:1621
- Hamasaki J, Tsuneyoshi I, Katai R, Hidaka T, Boyle WA, Kanmura Y. Dual α_2 -adrenergic agonist and α_1 -adrenergic antagonist actions of dexmedetomidine on human isolated endothelium-denuded gastroepiploic arteries, 94:1434
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- Hartmann B, Junger A, Klasen J, Benson M, Jost A, Banzhaf A, Hempelmann G. The incidence and risk factors for hypotension after spinal anesthesia induction: an analysis with automated data collection, 94:1521
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- Kee WDN. see Khaw KS; Lee A
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- Keller C
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- Meerschaert K, Brun L, Gourdin M, Mouren S, Bertrand M, Riou B, Coriat P. Terlipressin-ephedrine *versus* ephedrine to treat hypotension at the induction of anesthesia in patients chronically treated with angiotensin converting-enzyme inhibitors: a prospective, randomized, double-blinded, crossover study, 94:835
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- Paraskeva A, Papilas K, Fassoulaki A, Melemini A, Papadopoulos G. Physostigmine does not antagonize sevoflurane anesthesia assessed by bispectral index or enhances recovery, 94:569
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- Passot S, Servin F, Allary R, Pascal J, Prades J-M, Auboyer C, Molliex S. Target-controlled *versus* manually-controlled infusion of propofol for direct laryngoscopy and bronchoscopy, 94:1212
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- Paul M, Kindler CH, Fokt RM, Dresser MJ, Dipp NCJ, Yost CS. The potency of new muscle relaxants on recombinant muscle-type acetylcholine receptors, 94:597
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- Pittner A, Nalos M, Theisen M, Ploner F, Brückner UB, Georgieff M, Radermacher P, Fröba G. Inhaling nitrous oxide or xenon does not influence bowel wall energy balance during porcine bowel obstruction, 94:1510
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- Polaner DM. Pediatric emergencies; volume 19, number 2 (June 2001) of *Anesthesia Clinics of North America*, 94:770
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- Rosenblatt MA, Abrams KJ, New York State Society of Anesthesiologists, Inc., Committee on Continuing Medical Education and Remediation, Remediation Subcommittee. The use of a human patient simulator in the evaluation of and development of a remedial prescription for an anesthesiologist with lapsed medical skills, 94:149
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- Sevarino FB, Lobo A, Fermo L, Ocampo CA. Continuous epidural infusion of 0.05% bupivacaine plus hydromorphone for labor analgesia: an observational assessment in 1830 parturients, 94:1310
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- Tan N, Agnew NM, Scawn ND, Pennefather SH, Chester M, Russell GN. Suprascapular nerve block for ipsilateral shoulder pain after thoracotomy with thoracic epidural analgesia: a double-blind comparison of 0.5% bupivacaine and 0.9% saline, 94:199
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